

### Marked-Up Version

Figure 3. Murine L Cells expressing two DR13 variants, DRB1\*1301 and 1302 are incubated overnight with each of the three FC1P peptides, or a control peptide, or medium alone. Cells are washed and incubated for one hour with cytostatic agent to prevent proliferation in the subsequent assay. L cells are then incubated for 48 hours with T cells from a T cell line raised to whole cat dander (and including the Fel d 1 protein). Proliferation of the T cells is measured by their incorporation of the radiolabelled compound <sup>3</sup>H-thymidine. T cells demonstrate a statistically significant response to the DR13 L cells and peptide FC1P3 (SEQ ID NO. 3) (KALPVVLENARILNCV) but not to the other peptides/control.

Figure 4. Human fibroblasts expressing the DR1 allele DRB1\*0101 are incubated overnight with each of the three FC1P peptides, or medium alone, as described for Figure 3. In T cell proliferation assays, T cells demonstrate a statistically significant response to the DR1 expressing cells and peptide FC1P3 (SEQ ID NO. 3) (KALPVVLENARILNCV) but not to the other peptides/control.

Figure 5. Human fibroblasts expressing the DR4 alleles DRB1\*0404 and DRB1\*0405 are incubated overnight with each of the three FC1P peptides, or medium alone, as described for Figure 3. Figure 5 a) and b): in T cell proliferation assays, DRB1\*0408 responder cells demonstrate a statistically significant response to the DRB1\*0405 expressing cells and peptide FC1P2 (SEQ ID NO. 2) (EQVAQYKALPVVLENA) but not to DRB1\*0404 expressing cells and peptide FC1P2 or to the other peptides/control.

Figure 6. Human fibroblasts expressing the DR4 allele DRB1\*0405 are incubated overnight with each of the three FC1P peptides, or medium alone, as described for Figure 3. In T cell

(EQVAQYKALPVVLENA) but not to the other peptides/control.